Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Tuesday 17 Aug 2021 until 23:59 on Wednesday 18 Aug 2021

Forecast Issued on Tuesday 17 Aug 2021 at 04:27

Confidence: High confidence of cool, damp conditions today. Low confidence in showers on Thursday and timing of more significant rain during the weekend.

Headline for Tuesday 17 Aug 2021: Breezy and mostly cloudy, with outbreaks of rain and drizzle, but becoming drier this afternoon and evening.

Mountain weather hazards on Tuesday 17 Aug 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
Low Likelihood

Severe chill effect
Low Likelihood

Poor visibility
High Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Fog	Dull	Dull	Cloudy	Cloudy
Precipitation probability					
70%	60%	40%	30%	20%	20%

Forecast for Tuesday 17 Aug 2021

Weather: Outbreaks of rain this morning, these are likely to be heavy at times at first, but should become lighter and more intermittent by this afternoon. Some brighter spells may develop later today, particularly across the east, as it becomes predominantly dry. Largely dry with clear spells this evening. Feeling rather cool with brisk westerly winds and cloud cover. Low risk of gales at first.

Chance of cloud free mountain/hill tops above 600m: 10% or less across western areas improving 30-40% later today. Meanwhile further east 20-30% improving 60-70%.

Visibility: Extensive cloud bases 400-600m, making visibility generally poor, or very poor at height. Cloud occasionally lifting to 800m across eastern areas this afternoon, allowing for better visibility here with nearby hills visible.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Tuesday 17 Aug 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	22/29 W	21/27 W	16/23 NW	12/18 NW	12/17 W	10/15 W	10/14 W
300	12/24 W	13/26 W	13/24 W	11/20 NW	10/18 W	7/15 W	7/14 W
Valley	7/18 W	10/21 W	12/22 W	11/21 NW	10/19 W	6/14 W	5/12 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/7	11/8	12/10	13/11	12/10	11/9	10/8
300	12/10	13/11	15/13	16/14	15/13	13/12	12/11
Valley	13/12	14/13	16/14	17/15	16/14	14/14	14/13
Freezing Level*	3300m	3200m	3000m	3000m	3100m	3300m	3300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Feeling cool with brisk westerly winds, and gusts of 35-45mph possible at height. Widespread hill fog over the peaks will make navigation difficult, and lower level routes should be considered.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Tue 17 Aug 2021	1.6mm	3mm	5.2mm

Forecast for Wednesday 18 Aug 2021

Weather: Largely dry with bright or sunny spells across much of the park, but cloudier in the west with occasional hill fog and the odd spot of light rain and drizzle.

Maximum wind: West/northwesterly 20-25mph gusting 35-40mph.

Chance of cloud free mountain/hill tops above 600m: Generally 70-80%, but 30-40% in the west.

Visibility: Generally good but occasional low cloud, with bases 500-700m, in the west will make the visibility occasionally poor.

Temperature: **Valleys:** 10 C rising to 20 C in the early afternoon.
At 600m: 10 C rising to 14 C in the early afternoon.
Freezing level: Well above summits.

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